

## SECTION 8

### 8.23 CONNECTIONS TO DENVER WATER'S SYSTEM:

- A. Connections: Connections to Denver Water's system shall be in a neat and workmanlike manner. A Denver Water Inspector shall be present at all times during the construction of the connection. The connection is subject to approval by Denver Water. Only one connection to the existing system will be permitted until the conditions and tests outlined in 8.27 have been met.

Denver Water does not guarantee water tightness of its valves on existing facilities. If existing valves leak, Denver Water will assist in reducing the leakage, but the Contractor must use methods at his/her own disposal to work with the resulting leakage.

No connection will be installed or allowed by Denver Water unless the water supply is protected as required against actual or potential backflows. Water service to any premise will be discontinued by Denver Water if a backflow prevention device that is required is not installed, tested, and maintained, or if it is found that a backflow prevention device has been removed, by passed, or if an unprotected cross-connection exists on the premises. Service will not be restored until such conditions or defects are corrected.

An approved backflow prevention device shall also be installed on each service line and fire line within a licensee's water system, immediately following the meter, and in all cases, before the first branch line leading off the service line wherever the following conditions exist:

1. In the case of premises having an auxiliary water supply which is not or may not be of safe bacteriological or chemical quality and which is not acceptable as an additional source by Denver Water, Denver Water's water system shall be protected against backflow from the premises by installing an approved backflow prevention device in the service line and fire line appropriate to the degree of hazard.
2. In the case of premises on which any industrial fluids or any other objectionable substance is handled in such a fashion as to create an actual or potential hazard to Denver Water's water system, Denver Water's system shall be protected against backflow from the premises by installing an approved backflow prevention device in the service line appropriate to the degree of hazard. This shall include the handling of process waters originating from Denver Water's system which haven been subject to deterioration in quality.
3. In the case of premises having internal cross-connections that cannot be permanently corrected and controlled, or having intricate plumbing and piping arrangements or where entry to all portions of the premises is not readily accessible for inspection purposes, making it impractical or impossible to ascertain whether or not dangerous cross-connections exist, Denver Water's water system shall be protected against backflow

from the premises by installing a backflow prevention device in the service line.

- B. Operation of Valves: In connecting to Denver Water's system, it may be necessary to operate existing Denver Water valves. Valves on Denver Water's system that must be operated to make a connection shall be operated by the appropriate Denver Water personnel only. The Contractor shall give Denver Water 48 hours notice to arrange for operating valves. Both the Contractor and Denver Water Inspector shall be present when the valves are operated.
- C. Interruption of Service: Installation of a connection that will require closing existing valves may cause an outage of water to existing Denver Water customers. Affected customers must be notified, in writing, 24 hours in advance. The notices shall be delivered by hand to each residence. An attempt shall be made at each residence to deliver the notice personally to the occupant. If the occupant cannot be contacted, the written notice shall be left at the door. Notification must be done by the Contractor.

The local fire department for the affected area shall be notified 48 hours in advance. A description of the boundaries of the affected area, and the location of all fire hydrants in that area shall be provided to the fire department. Notification must be done by the Contractor.

A normal outage shall be a maximum of 8 hours. If the outage will be greater than 8 hours, the work shall be done in a manner to minimize the inconvenience to customers, such as working at night in a continuous operation until service is restored. A connection which will require an outage longer than 8 hours shall be subject to review by Denver Water as to the appropriate timing of the connection.

If in the process of installing a connection there exists an industry or building in the area that cannot be out of water, such as a hospital, appropriate means shall be taken to provide and convey water. The water and the means of conveyance shall be approved by Denver Water.